

### **ABSTRACT OF THE DISCLOSURE**

An optical device uses in a plane image input device. The optical device comprises a body including an incident end and an emergent end. After a light beam enters the body via the incident end, undergoes a total reflection, and emerges from the emergent end.

- 5 Thus, the size of the plane image input device can be minimized and the optical energy attenuation can be reduced during the transmission process.